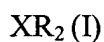


WHAT IS CLAIMED IS:

1. A method of removing water from a fluorination process comprising:

- a) providing at least one water reactive agent comprising
a compound having the formula I:



where

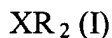
X is O=C or O=S, and

each R is independently H, alkyl, or halogen, provided that at least one R is halogen

- b) providing in said fluorination process a composition containing a reactive organic compound, a fluorination agent and water; and
c) introducing said water reactive agent into said composition under conditions effective to substantially reduce the concentration of water in said process.

2. A method of removing water from a fluorination process stream comprising:

- a) providing a process stream containing an organic compound, hydrogen fluoride, and water;
b) introducing into said process stream a compound having the formula I:



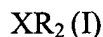
where

X is O=C or O=S, and

each R is independently H, alkyl, or halogen, provided that at least one R

is halogen; and

- c) reacting said compound with said water.
3. The method of claim 2 wherein X is O=C.
 4. The method of claim 3 wherein each of said Rs are chlorine.
 5. The method of claim 4 wherein the temperature of said process stream is from about 20°C to less than about 350°C.
 6. The method of claim 4 wherein the pressure of said process stream is from about 0 psig to about 200 psig.
 7. The method of claim 5 wherein said compound is phosgene.
 8. The method of claim 2 wherein X is O=S.
 9. A method of making fluorinated organic compounds comprising the steps of:
 - a.) reacting at least one organic reactive compound under conditions effective to fluorinate said organic reactive compound to produce a reaction effluent stream comprising water; and
 - b.) introducing into said reaction effluent stream a water reactive agent comprising a compound having the formula I:



where

X is O=C or O=S, and

each R is independently H, alkyl, or halogen, provided that at least one R is halogen said water reactive agent being effective under the conditions of said reaction effluent stream to remove at

least a substantial portion of said water from said reaction effluent stream.

10. The method of claim 9 wherein said reacting step a) comprises a catalytic reaction.
11. The method of claim 10 wherein said reactive organic compound is a chlorinated vinyl compound.
12. The method of claim 11 wherein said chlorinated vinyl is ethylene having at least one chlorine substituent.
13. The method of claim 11 wherein said chlorinated vinyl compound comprises tetrachloroethylene.
14. The method of claim 10 wherein said compound is present in an amount sufficient to produce a compound:water molar ratio of from about 0.5:1 to about 3:1.
15. The method of claim 10 wherein a substantial portion of any water present in the reaction effluent stream is removed.
16. The method of claim 10 wherein said reaction step a) comprises reacting said reactive organic compound with hydrogen fluoride in the presence of a fluorination catalyst to form a fluorinated organic compound product stream containing a water by-product.
17. The method of claim 16 wherein said reactive organic compound is a chlorinated vinyl compound.
18. The method of claim 16 wherein said fluorination catalyst comprises chromium.
19. The method of claim 10 wherein the fluorinated organic compound is a hydrofluorocarbon.
20. The method of claim 10 wherein the fluorinated organic compound is a

hydrochlorofluorocarbon.

21. A method of removing water from a fluorination process of the type having a process stream containing a reactive organic compound, a fluorination agent and water, the method comprising introducing at least one water reactive agent selected from the group consisting of a compound containing a carbonyl group, a thionyl group and combinations of these into said process stream under conditions effective to substantially reduce the concentration of water in said process.